

# Prof. TUNÇ TÜKEN

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: D-7974-2018

Yoksis Researcher ID: 116700

## Education Information

Doctorate, Cukurova University, Fen Edebiyat Fakültesi, Kimya, Turkey 2000 - 2005

Postgraduate, Cukurova University, Fen Edebiyat Fakültesi, Kimya, Turkey 1998 - 2000

Undergraduate, Cukurova University, Fen Edebiyat Fakültesi, Kimya, Turkey 1994 - 1998

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Elektrokimyasal olarak oluşturulacak polipirol (PPy) kaplamann demirli malzemelerin korozyon davranışları üzerine etkilerinin incelenmesi, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, 2005

Postgraduate, Nikotin, nikotinik asit (niasin) ve nikotinamidin demirli malzemelerin klorür (Cl-) içeren sulu ortamlardaki korozyonu üzerine etkilerinin araştırılması, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, 2000

## Research Areas

Chemistry, Physical Chemistry, Interface Chemistry, Electrochemistry, Conductive Polymers, Polymeric Films, Natural Sciences

## Academic Titles / Tasks

Professor, Cukurova University, Fen Edebiyat Fakültesi, Kimya, 2013 - Continues

## Courses

İleri Fizikokimya, Postgraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

General Chemistry, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Fizikokimya, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2007 - 2008

Chemistry for Engineers, Undergraduate, 2013 - 2014

Fizikokimya 2, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2008 - 2009, 2007 - 2008

Fizikokimya, Undergraduate, 2012 - 2013

Fizikoimya II, Undergraduate, 2009 - 2010

## Advising Theses

TÜKEN T., Korozyonu önlemede kompozit polüre-polipiroil kaplamaların kullanılması, Postgraduate, İ.Çetin(Student), 2012

TÜKEN T., Metilendifenildiizosiyonat-primer amin reaksiyonları ile sabunsuz gres eldesi, Postgraduate, N.Tuğba(Student), 2012

TÜKEN T., 3-Amino-5metiltio-1H-1,2,4 triazol ve 3-merkapropil trimetoksisilan bileşiklerinin yumuşak çelik korozyonuna karşı inhibitör etkinliklerinin araştırılması, Postgraduate, Ö.Cum(Student), 2012

TÜKEN T., Çinko oksit yardımıyla fotoaktif malzeme geliştirilmesi ve Fotokorozyon, Postgraduate, N.Kırcı(Student), 2012

TÜKEN T., Katkılı polipiroil kaplamalar, Postgraduate, F.Demir(Student), 2011

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Enhanced photocatalytic activity in AgCu-decorated ZnO nanoparticles under UV and sunlight**  
Noua A. E., KAYA D., SIĞIRCIK G., TÜKEN T., KARADAĞ F., EKİCİBİL A.  
Journal of Materials Science: Materials in Electronics, vol.35, no.18, 2024 (SCI-Expanded)
- II. **Synthesis and study of nanosized gadolinium oxide modified by zirconium oxide**  
Niftaliev S. I., Kuznetsova I. V., Lygina L. V., Tuneekov V. Y., Saranov I. A., Tolkacheva A. A., Diallo A., Tuken T.  
SOLID STATE SCIENCES, vol.110, 2020 (SCI-Expanded)
- III. **ZnO/CuO hybrid films synthesized by sequential application of electrochemical and spin coating technique**  
Sığircık G., Tüken T.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.31, no.20, pp.17855-17871, 2020 (SCI-Expanded)
- IV. **Structural, electronic and magnetic properties of Mn doped ZnO nanoplates synthesized by electrodeposition method**  
KICIR N., TÜKEN T., AKYOL M., EKİCİBİL A., UFUKTEPE Y.  
JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, vol.237, 2019 (SCI-Expanded)
- V. **Optically stimulated luminescence characteristics of BeO nanoparticles synthesized by sol-gel method**  
ALTUNAL V., YEĞİNGİL Z., TÜKEN T., Depci T., ÖZDEMİR A. C., GUCKAN V., Nur N., Kurt K., BULUR E.  
RADIATION MEASUREMENTS, vol.118, pp.54-66, 2018 (SCI-Expanded)
- VI. **Synthesis and inhibitory effect of N,N'-bis(1-phenylethanol) ethylenediamine against steel corrosion in HCl Media**  
SIĞIRCIK G., YILDIRIM D., TÜKEN T.  
CORROSION SCIENCE, vol.120, pp.184-193, 2017 (SCI-Expanded)
- VII. **Nanostructured ZnO films in forms of rod, plate and flower: Electrodeposition mechanisms and characterization**  
KICIR N., TÜKEN T., Erken O., GÜMÜŞ C., UFUKTEPE Y.  
APPLIED SURFACE SCIENCE, vol.377, pp.191-199, 2016 (SCI-Expanded)
- VIII. **Thermoluminescence study of Mn doped lithium tetraborate powder and pellet samples synthesized by solution combustion synthesis**  
ÖZDEMİR A. C., YEĞİNGİL Z., Nur N., Kurt K., TÜKEN T., Depci T., TANSUĞ G., ALTUNAL V., GUCKAN V., SIĞIRCIK G., et al.  
JOURNAL OF LUMINESCENCE, vol.173, pp.149-158, 2016 (SCI-Expanded)

- IX. **Investigation of ammonium (2,4-dimethylphenyl)-dithiocarbamate as a new, effective corrosion inhibitor for mild steel**  
KICIR N., TANSUĞ G., ERBİL M., TÜKEN T.  
CORROSION SCIENCE, vol.105, pp.88-99, 2016 (SCI-Expanded)
- X. **Synthesis and application of phenylcarbomodithioate compound for steel protection**  
TANSUĞ G., KICIR N., DEMİRKOL O., Giray E. S., TÜKEN T.  
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.30, no.18, pp.1984-2000, 2016 (SCI-Expanded)
- XI. **Assessment of the inhibition efficiency of 3,4-diaminobenzonitrile against the corrosion of steel**  
Sığircık G., Tüken T., Erbil M.  
CORROSION SCIENCE, vol.102, pp.437-445, 2016 (SCI-Expanded)
- XII. **Physical and electronic properties of electrodeposited ZnO thin films: dependence on thickness**  
Kıcır N., Ozkendir O. M., Farha A. H., Kırmızıgül F., TÜKEN T., GÜMÜŞ C., ÇABUK S., ERBİL M., UFUKTEPE Y.  
INDIAN JOURNAL OF PHYSICS, vol.89, no.10, pp.1013-1023, 2015 (SCI-Expanded)
- XIII. **Electrosynthesis of ZnO nanorods and nanotowers: Morphology and X-ray Absorption Near Edge Spectroscopy studies**  
Sığircık G., Erken O., Tüken T., Gümüş C., Ozkendir O. M., Ufuktepe Y.  
APPLIED SURFACE SCIENCE, vol.340, pp.1-8, 2015 (SCI-Expanded)
- XIV. **Methyl 3-((2-mercaptophenyl) imino) butanoate as an effective inhibitor against steel corrosion in HCl solution**  
TANSUĞ G., TÜKEN T., SİĞİRCIK G., FINDIKKIRAN G., Giray E. S., ERBİL M.  
IONICS, vol.21, no.5, pp.1461-1475, 2015 (SCI-Expanded)
- XV. **Inhibition efficiency of aminobenzonitrile compounds on steel surface**  
SİĞİRCIK G., TÜKEN T., ERBİL M.  
APPLIED SURFACE SCIENCE, vol.324, pp.232-239, 2015 (SCI-Expanded)
- XVI. **A new corrosion inhibitor for copper protection**  
TANSUĞ G., TÜKEN T., Giray E. S., Findikkiran G., SİĞİRCIK G., DEMİRKOL O., ERBİL M.  
CORROSION SCIENCE, vol.84, pp.21-29, 2014 (SCI-Expanded)
- XVII. **Investigation of 2-aminoethanethiol as corrosion inhibitor for steel using response surface methodology (RSM)**  
TANSUĞ G., TÜKEN T., KICIR N., ERBİL M.  
IONICS, vol.20, no.2, pp.287-294, 2014 (SCI-Expanded)
- XVIII. **A comparative study of polymer films on steel from ionic liquid and aqueous solution**  
SİĞİRCIK G., TÜKEN T., ERBİL M.  
MATERIALS CHEMISTRY AND PHYSICS, vol.138, pp.823-832, 2013 (SCI-Expanded)
- XIX. **Self assembled film based on hexane-1,6-diamine and 2-mercapto-ethanol on copper**  
TÜKEN T., Kicir N., Elalan N. T., SİĞİRCIK G., ERBİL M.  
APPLIED SURFACE SCIENCE, vol.258, no.18, pp.6793-6799, 2012 (SCI-Expanded)
- XX. **Inhibition effect of 1-ethyl-3-methylimidazolium dicyanamide against steel corrosion**  
TÜKEN T., Demir F., Kicir N., SİĞİRCIK G., ERBİL M.  
CORROSION SCIENCE, vol.59, pp.110-118, 2012 (SCI-Expanded)
- XXI. **Polypyrrole film modified with electroless metal deposition**  
TÜKEN T., Cavusoglu A. B., Altunbas E., ERBİL M.  
PROGRESS IN ORGANIC COATINGS, vol.71, no.2, pp.153-161, 2011 (SCI-Expanded)
- XXII. **Anodizing and corrosion behaviour of aluminium**  
Mert B. D., Yazici B., TÜKEN T., KARDAŞ G., ERBİL M.  
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.47, no.1, pp.102-107, 2011 (SCI-Expanded)
- XXIII. **Electrochemical synthesis and corrosion behaviour of poly (pyrrole-co-o-anisidine-co-o-toluidine)**  
Yalcinkaya S., TÜKEN T., Yazici B., ERBİL M.  
CURRENT APPLIED PHYSICS, vol.10, no.3, pp.783-789, 2010 (SCI-Expanded)
- XXIV. **Synthesis and characterization of a Schiff base derived from 2-aminobenzylamine and its Cu(II)**

**complex: electropolymerization of the complex on a platinum electrode**

DEMETGÜL C., Deletioğlu D., Karaca F., Yalcinkaya S., TİMUR M., SERİN S.

JOURNAL OF COORDINATION CHEMISTRY, vol.63, no.12, pp.2181-2191, 2010 (SCI-Expanded)

- XXV. **CONDUCTING POLYMERS AND CORROSION PROTECTION**  
TÜKEN T., ERBİL M., Yazıcı B.  
CORROSION PROTECTION: PROCESSES, MANAGEMENT AND TECHNOLOGIES, pp.187-231, 2009 (SCI-Expanded)
- XXVI. **Electrochemical synthesis and characterization of poly(pyrrole-co-o-toluidine)**  
Yalcinkaya S., Tueken T., Yazici B., ERBİL M.  
PROGRESS IN ORGANIC COATINGS, vol.63, no.4, pp.424-433, 2008 (SCI-Expanded)
- XXVII. **Electrochemical synthesis and corrosion performance of poly(pyrrole-co-o-anisidine)**  
Yalcinkaya S., TÜKEN T., Yazici B., ERBİL M.  
PROGRESS IN ORGANIC COATINGS, vol.62, no.2, pp.236-244, 2008 (SCI-Expanded)
- XXVIII. **Graphite intercalated polymer coatings on stainless steel**  
Tuken T., Yazici B., Erbil M.  
SURFACE & COATINGS TECHNOLOGY, vol.202, no.3, pp.425-432, 2007 (SCI-Expanded)
- XXIX. **Poly(N-methyl pyrrole) and its copolymer with pyrrole for mild steel protection**  
Tueken T., Tansug G., Yazici B., Erbil M.  
SURFACE & COATINGS TECHNOLOGY, vol.202, no.1, pp.146-154, 2007 (SCI-Expanded)
- XXX. **Mild steel protection with epoxy top coated polypyrrole and polyaniline in 3.5% NaCl**  
Tansug G., Tuken T., Ozyilmaz A. T., Erbil M., Yazici B.  
CURRENT APPLIED PHYSICS, vol.7, no.4, pp.440-445, 2007 (SCI-Expanded)
- XXXI. **Polypyrrole films modified with graphite layer on mild steel**  
Tuken T., Tansug G., Yazici B., Erbil M.  
PROGRESS IN ORGANIC COATINGS, vol.59, no.1, pp.88-94, 2007 (SCI-Expanded)
- XXXII. **Polypyrrole modified nickel coating on mild steel**  
Tuken T., Yazic B., Erbil M.  
MATERIALS & DESIGN, vol.28, no.1, pp.208-216, 2007 (SCI-Expanded)
- XXXIII. **Zinc modified polypyrrole coating on mild steel**  
Tuken T.  
SURFACE & COATINGS TECHNOLOGY, vol.201, no.6, pp.2782-2790, 2006 (SCI-Expanded)
- XXXIV. **Zinc modified polyaniline coating for mild steel protection**  
Tuken T., Yazici B., Erbil M.  
MATERIALS CHEMISTRY AND PHYSICS, vol.99, pp.459-464, 2006 (SCI-Expanded)
- XXXV. **The use of polyindole for prevention of copper corrosion**  
Tuken T., Yazici B., Erbil M.  
SURFACE & COATINGS TECHNOLOGY, vol.200, pp.4802-4809, 2006 (SCI-Expanded)
- XXXVI. **Polypyrrole films on stainless steel**  
Tuken T.  
SURFACE & COATINGS TECHNOLOGY, vol.200, pp.4713-4719, 2006 (SCI-Expanded)
- XXXVII. **The corrosion behaviour of polypyrrole coating synthesized in phenylphosphonic acid solution**  
Tuken T., Yazici B., Erbil M.  
APPLIED SURFACE SCIENCE, vol.252, no.6, pp.2311-2318, 2006 (SCI-Expanded)
- XXXVIII. **Zinc deposited polymer coatings for copper protection**  
Tuken T.  
PROGRESS IN ORGANIC COATINGS, vol.55, no.1, pp.60-65, 2006 (SCI-Expanded)
- XXXIX. **Electrochemical synthesis of polyindole on nickel-coated mild steel and its corrosion performance**  
Tuken T., Yazici B., Erbil A.  
SURFACE & COATINGS TECHNOLOGY, vol.200, no.7, pp.2301-2309, 2005 (SCI-Expanded)
- XL. **Polypyrrole films on nickel-plated copper**  
Tuken T., Yazici B., Erbil M.  
PROGRESS IN ORGANIC COATINGS, vol.54, no.4, pp.372-376, 2005 (SCI-Expanded)

- XLII. Polypyrrole/polythiophene coating for copper protection**  
Tuken T., Yazici B., Erbil M.  
PROGRESS IN ORGANIC COATINGS, vol.53, no.1, pp.38-45, 2005 (SCI-Expanded)
- XLIII. The electrochemical synthesis and corrosion performance of polyaniline on copper**  
Ozyilmaz A., Tuken T., Yazici B., Erbil M.  
PROGRESS IN ORGANIC COATINGS, vol.52, no.2, pp.92-97, 2005 (SCI-Expanded)
- XLIV. Electrochemical synthesis of polythiophene on nickel coated mild steel and corrosion performance**  
Tuken T., Yazici B., Erbil M.  
APPLIED SURFACE SCIENCE, vol.239, pp.398-409, 2005 (SCI-Expanded)
- XLV. The use of polythiophene for mild steel protection**  
Tuken T., Yazici B., Erbil M.  
PROGRESS IN ORGANIC COATINGS, vol.51, no.3, pp.205-212, 2004 (SCI-Expanded)
- XLVI. The corrosion protection of mild steel by polypyrrole/polyphenol multilayer coating**  
Tuken T., Arslan G., Yazici B., Erbil M.  
CORROSION SCIENCE, vol.46, no.11, pp.2743-2754, 2004 (SCI-Expanded)
- XLVII. The electrochemical synthesis and corrosion performance of polypyrrole on brass and copper**  
Tuken T., Yazici B., Erbil M.  
PROGRESS IN ORGANIC COATINGS, vol.51, no.2, pp.152-160, 2004 (SCI-Expanded)
- XLVIII. Polypyrrole and polyaniline top coats on nickel coated mild steel**  
Tuken T., Ozyilmaz A. T., Yazici B., Kardas G., Erbil M.  
PROGRESS IN ORGANIC COATINGS, vol.51, no.1, pp.27-35, 2004 (SCI-Expanded)
- XLIX. Electrochemical synthesis of polyaniline on mild steel in acetonitrile-LiClO<sub>4</sub> and corrosion performance**  
Tuken T., Ozyilmaz A., Yazici B., Erbil M.  
APPLIED SURFACE SCIENCE, vol.236, pp.292-305, 2004 (SCI-Expanded)
- L. A new multilayer coating for mild steel protection**  
Tuken T., Yazici B., Erbil M.  
PROGRESS IN ORGANIC COATINGS, vol.50, no.2, pp.115-122, 2004 (SCI-Expanded)
- LI. The preparation of polypyrrole coated brass and copper electrodes for electrocatalysis**  
Tuken T., Arslan G., Yazici B., Erbil M.  
PROGRESS IN ORGANIC COATINGS, vol.49, no.2, pp.153-159, 2004 (SCI-Expanded)
- LII. The effect of nicotinamide on iron corrosion in chloride solutions**  
Tuken T., Yazici B., Erbil M.  
TURKISH JOURNAL OF CHEMISTRY, vol.26, no.5, pp.735-742, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. Electrochemical Synthesis of CdSe and CdSe/ZnO Films: Morphological, Structural and Electronic Properties**  
SIĞIRCIK G., TÜKEN T.  
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.37, no.2, pp.555-568, 2022 (Peer-Reviewed Journal)
- II. ATMOSPHERIC CORROSION BEHAVIOR OF HOT-DIP GALVANIZED AND CONTINUOUS GALVANIZED STEEL**  
SIĞIRCIK G., Yildirim O., TÜKEN T.  
ACTA METALLURGICA SLOVACA, vol.28, no.3, pp.117-126, 2022 (ESCI)

## Books & Book Chapters

- I. Organic Corrosion Inhibitors and Industrial Applications**

TANSUĞ G., TÜKEN T.

in: Corrosion Inhibitors Principles Mechanisms and Applications, Esther Hart, Editor, Nova Science Publishers, New York, pp.1-26, 2017

**II. Organic Corrosion Inhibitors and Industrial Applications**

TANSUĞ G., TÜKEN T.

in: Corrosion Inhibitors: Principles, Mechanisms and Applications, Hart E, Editor, NOVA Publications , Hauppauge Ny, pp.1-25, 2016

**III. Corrosion Protection: Processes, Management and Technologies**

TÜKEN T., YAZICI B., ERBİL M.

Nova Science Publishers Inc, Newyork, 2009

**IV. Conducting polymers and corrosion protection**

TÜKEN T.

in: Corrosion Protection: Processes, Management and Technologies, I.S. Wang, Editor, Nova Science Publisher Inc., New York, pp.187-231, 2009

## Refereed Congress / Symposium Publications in Proceedings

**I. Cut Edge Corrosion Performance of Continuous Galvanized Steel**

TÜKEN T., Yıldırım Ö., SIĞIRCIK G.

European Corrosion Congress (EUROCORR) 2021, 20 - 24 September 2021

**II. A Copper Oxide (CuO) Thin Films Deposited by Spray Pyrolysis Method**

Bellal Y., Bouhank A., Serrar H., TÜKEN T., SIĞIRCIK G.

International Conference on Materials Science and Manufacturing Engineering (MSME 2018), 8 - 10 November 2018

**III. A Copper Oxide (CuO) Thin Films Deposited by Spray Pyrolysis Method**

Bellal Y., Bouhank A., Serrar H., TÜKEN T., SIĞIRCIK G.

International Conference on Materials Science and Manufacturing Engineering (MSME), Paris, France, 8 - 10 November 2018, vol.253

**IV. NANOSTRUCTURED ZnO PREPARED BY SPIN COATING TECHNIQUE: OPTICAL AND STRUCTURAL PROPERTIES**

SIĞIRCIK G., TÜKEN T.

2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), 11 - 13 October 2017

**V. ELECTROCHEMICAL EFFECT ON DEVELOPED CARBON PASTE ELECTRODE ASCORBIC ACID**

ÇETİN İ., TÜKEN T.

2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), 11 - 13 October 2017

**VI. Silver Coated Zinc Oxide Nanorods, Nanoflowers and Nanoplates Fabricate on ITO Surface as SERS Active Substrate**

KİBAR G., DANA A., TÜKEN T.

E-MRS 2017, varşova, Poland, 18 - 22 September 2017

**VII. Investigation Of Optically Stimulate Luminescence Characteristics Of  $Li_3O_5$ : Pr, K, Cu, Na Phosphor**

GÜÇKAN V., DEPCİ T., ALTUNAL V., ÖZDEMİR A., KURT K., NUR N., TÜKEN T., SIĞIRCIK G., TANSUĞ G., YAN Y., et al.

3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology, Adana, Turkey, 10 - 12 May 2017

**VIII. Determination Of Potential Use Of  $Li_2B_4O_7:ag,tb$  For Dosimetry Purposes Using Osl Technique**

ÖZDEMİR A., GÜÇKAN V., ALTUNAL V., DEPCİ T., NUR N., KURT K., AKYOL M., TÜKEN T., HEREYTanı E., TANSUĞ G., et al.

3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology, Adana, Turkey, 10 - 12 May 2017

- IX. **A Preliminary Study Of LiB3o5:ce,k,cu,na Phosphor For Optically Stimulated Luminescence Dosimetry**  
ALTUNAL V., DEPCİ T., ÖZDEMİR A., GÜÇKAN V., KURT K., NUR N., TÜKEN T., TANSUĞ G., SIĞIRCIK G., YAN Y., et al.  
3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology,  
Adana, Turkey, 10 - 12 May 2017
- X. **Osl Study Of Lib3o5:nd, K, Cu, Na Samples Synthesized By Solid State Method**  
ÖZDEMİR A., DEPCİ T., ALTUNAL V., GÜÇKAN V., KURT K., NUR N., TÜKEN T., TANSUĞ G., SIĞIRCIK G., YAN Y., et al.  
3rd International Conference On Theoretical And Experimental Studies In Nuclear Applications And Technology,  
Adana, Turkey, 10 - 12 May 2017
- XI. **Investigation of OSL characteristics of LiB3O5:Pr, K, Cu, Na phosphor**  
Güçkan V., DEPCİ T., Altunal V., Özdemir A., KURT K., NUR N., TÜKEN T., TANSUĞ G., SIĞIRCIK G., Yu Y., et al.  
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology, 10  
- 12 May 2017
- XII. **OSL study of LiB3O5: Nd, K,Cu,Na samples synthesized by Solid State Method**  
Özdemir A., Depci T., ALTUNAL V., Güçkan V., Kurt K., Nur N., TÜKEN T., TANSUĞ G., SIĞIRCIK G., Yu Y., et al.  
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology,  
Adana, Turkey, 10 - 12 May 2017, pp.155
- XIII. **Determination of potential use of Li2B4O7:Ag,Tb for dosimetry purposes using OSL technique**  
Özdemir A., Güçkan V., Altunal V., Depçi T., NUR N., KURT K., AKYOL M., TUKEN T., Hereytani E. B., İflazoğlu S., et al.  
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology,  
Adana, Turkey, 10 - 12 May 2017, pp.154
- XIV. **Preliminary study of LiB3O5:Ce, K, Cu, Na phosphor for OSL dosimetry**  
ALTUNAL V., Depci T., Özdemir A., Güçkan V., Kurt K., Nur N., TÜKEN T., TANSUĞ G., SIĞIRCIK G., Yu Y., et al.  
3rd International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology,  
Adana, Turkey, 10 - 12 May 2017, pp.159
- XV. **Comparison of phytochemical components of the roots, leaves and fruits of two Mndragora species  
in Turkey**  
ÇAKAN H., TÜKEN T., ÖZKAN H., KAVAK S., Kıcır N.  
Internationaş Symposium Biodiversity and Edible Wild Species, 3 - 05 April 2017
- XVI. **Comparison Of Phytochemical Components Of The Roots, Leaves And Fruits Of Two Mandragora  
Species In Turkey**  
ÇAKAN H., TÜKEN T., ÖZKAN H., KICIR N., KAVAK S.  
International Symposium On Biodiversity And Edible Wild Species, 3 - 05 April 2017, no.1
- XVII. **Gıda Katkılarına Duyarlı Karbon Pasta Elektrot Geliştirilmesi**  
Çetin İ., TÜKEN T.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26 - 28 October 2016
- XVIII. **Electrodeposition and Characterization of ZnTe on ITO Electrode**  
SIĞIRCIK G., TÜKEN T.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October  
2016, pp.4562
- XIX. **Inhibition of Brass Corrosion in Urban Rainwater**  
SIĞIRCIK G., TANSUĞ G., TÜKEN T.  
European Corrosion Congress (EUROCORR) 2016, 11 - 15 September 2016
- XX. **Corrosion Protection of Copper in Simulated Cooling Water**  
SIĞIRCIK G., TÜKEN T., ERBİL M.  
European Corrosion Congress (EUROCORR) 2016, Montpellier, France, 11 - 15 September 2016
- XXI. **The evaluation of photocorrosion of nanostructured ZnO thin films**  
Kıcır N., TÜKEN T.  
European Corrosion Congress (EUROCORR) 2016, 11 - 15 September 2016
- XXII. **Inhibition of brass corrosion urban rainwater**  
SIĞIRCIK G., TANSUĞ G., TÜKEN T.  
European Corrosion Congress, 11 - 15 September 2016

- XXIII. **Protection of Bronze Against Atmospheric Corrosion In Urban Air**  
TANSUĞ G., SIĞIRCIK G., TÜKEN T.  
European Corrosion Congress (EUROCORR) 2016, Montpellier, France, 11 - 15 September 2016
- XXIV. **Thermoluminescence of Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub>:Cu and Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub>:Cu,B: a comparative study**  
Özdemir A., Depci T., Nur N., ALTUNAL V., Güçkan V., Kurt K., TÜKEN T., TANSUĞ G., SIĞIRCIK G., Lawrence Y., et al.  
18th International Conference on Solid State Dosimetry, Münih, Germany, 3 - 08 July 2016
- XXV. **Thermoluminescence of Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub>:Cu and Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub>:Cu,B : A comparative study**  
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- XXVI. **THERMOLUMINESCENCE STUDY OF Mn DOPED LITHIUMTETRABORATE POWDER AND PELLET SAMPLES SYNTHESIZED BY SOLUTION COMBUSTION SYNTHESIS**  
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- XXVII. **SELF ASSEMBLED FILM OF THIOL COMPOUNDS ON BRONZE**  
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- XXVIII. **Self Assembled Film of Thiol Compounds on Bronze**  
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- XXIX. **The synthesis and inhibition efficiency of 2-(2-aminoethylamino)-1- phenylethanol**  
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- XXX. **Ammonium 2 4 dimethylphenyl dithiocarbamate as an environmentally friendly corrosion inhibitor for steel**  
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- XXXI. **Thermoluminescence study of Mn doped lithium tetraborate powder and pellet samples synthesized by Solution Combustion Synthesis**  
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- XXXII. **Intercomparison of OSL Dose Characteristics Obtained From BeO Nanophosphors Synthesized Using SOL-GEL and Polyacrylamide Methods**  
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- XXXIII. **Thermoluminescence Properties of Doped Natural Amethyst Samples with Some of I-IV Group Elements**  
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- XXXIV. **Inhibition Efficiency of 3,4-diaminobenzonitrile Against Steel Corrosion**  
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- XXXV. **Inhibitor for Galvanically Coupled Copper/Steel System**  
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- XXXVI. **Electrochemically Deposited ZnO Nanorods for Photocatalytic Oxidation**  
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- XXXIX. **Electrochemical techniques for tribocorrosion investigations of polyurea greases**  
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- XL. **Inhibition Behaviour of Benzonitriles on Mild Steel in HCl Solution**  
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- XLI. **Evaluation of Thermal Stability of Grease Films with EIS Measurement**  
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- XLII. **Şarj Olabilen Pillerde İletken Polimerlerin Uygulaması**  
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VI. Yeni ve Yenilenebilir Enerji Kaynakları Sempozyumu, Kayseri, Turkey, 21 - 22 October 2011, pp.712-722
- XLIII. **Electrochemistry of Polypyrrole Films Synthesized from Ionic Liquid and Aqueous Environment**  
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9th International Electrochemistry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011, pp.59
- XLIV. **Electrochemistry of Polythiophene Films Deposited in Different Environment**  
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- XLVIII. **The Corrosion Resistance of Coatings Synthesized from Condensation of Methylene Diisocyanate and Oleilamine**  
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- XLIX. **İyonik Sıvıda Sentezlenen Polipirol Kaplamanın Korozyona Karşı Etkinliği**  
SIĞIRCIK G., Hoplamaz E., TÜKEN T., ERBİL M.  
XII. Uluslararası Korozyon Sempozyumu, Eskişehir, Turkey, 6 - 09 October 2010, pp.155-162
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- LII. **Paslanmaz çelik üzerinde PPy PmPy ve bunların kopolimerlerinin korozyon dayanımlarının araştırılması**  
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LV. **Korozyon hizini belirleyen olcum teknikleri**

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## Supported Projects

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TÜKEN T., Project Supported by Higher Education Institutions, Gıda Katkılarına Duyarlı Elektrokimyasal Sensör Geliştirilmesi, 2014 - 2020

TÜKEN T., KICIR N., SIĞIRCIK G., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteđi (Yayın Teşvik-3 Adet), 2016 - 2018

TÜKEN T., KICIR N., Project Supported by Higher Education Institutions, NANOYAPILI ZnO FİMLERİN ELEKTROKİMYASAL SENTEZİ, Mn VE Al KATKILAMA VE FOTOKATALİTİK ETKİNLİKLERİ, 2014 - 2018

YEĞİNGİL Z., KURT K., Altunal V., Özdemir A., TÜKEN T., Güçkan V., SIĞIRCIK G., TANSUĞ G., Project Supported by Higher Education Institutions, İyonlaşma radyasyonuna maruz kalan halkın triajı için yeni acil durum dozimetresi geliştirilmesi, 2015 - 2017

TÜKEN T., AKIN D., Project Supported by Higher Education Institutions, Kloramfenikol'ün Tayini İçin Elektrokimyasal Sensör Geliştirilmesi, 2014 - 2017

TÜKEN T., SIĞIRCIK G., Project Supported by Higher Education Institutions, Ni KATKILI ZnO, CdSe VE CdSe/ZnO FOTOAKTİF MALZEME GELİŞTİRİLMESİ, 2013 - 2017

TANSUĞ G., SIĞIRCIK G., TÜKEN T., Project Supported by Higher Education Institutions, Protection of Bronze Against Atmospheric Corrosion in Urban Air, 2016 - 2016

TÜKEN T., SIĞIRCIK G., TANSUĞ G., Project Supported by Higher Education Institutions, Inhibition of Brass Corrosion in Urban Rainwater, 2016 - 2016

TÜKEN T., KICIR N., Project Supported by Higher Education Institutions, Elektrokimyasal Yöntem ile Farklı Morfolojilerde ZnO Nanoyapıların Hazırlanması ve Organik Kirleticilerin Fotokatalitik Giderilmesi ile Hidrojen Eldesi, 2015 - 2016

TÜKEN T., SIĞIRCIK G., KICIR N., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteđi (Yayın Teşvik-2 Adet), 2015 - 2016

TÜKEN T., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteđi (Yayın Teşvik-2 Adet), 2015 - 2015

TÜKEN T., Project Supported by Higher Education Institutions, Elektrokimyasal Analiz Cihazının Bakım ve Onarımı, 2015 - 2015

TÜKEN T., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteđi (3 Adet), 2014 - 2015

TÜKEN T., ERBİL M., Project Supported by Higher Education Institutions, Yarı İletken ZnTe Sentezi, Karakterizasyonu ve Geliştirilmesi, 2013 - 2015

TÜKEN T., Project Supported by Higher Education Institutions, Polipirol-PET (polietilen teraftalat ) kompozit geliştirilmesi, 2012 - 2014

Hasanođlu A., Tüken T., Irmak S., Erbatur O., TUBITAK Project, Mikrobiyal Elektroliz Yönelimiyle Organik Materyalde Zengin Atık Sulardan ve Lignoselülozik Biyokütle Hidroliz Çöeltillerinden Hidrojen Gazı Eldesi, 2011 - 2013  
TÜKEN T., Industrial Thesis Project, Sabunsuz poliüre greslerinin geliştirilmesi, 2009 - 2011  
TÜKEN T., TUBITAK Project, Grafit ile modifiye polimer esaslı katalitik elektrot geliştirilmesi, 2008 - 2010

## **Memberships / Tasks in Scientific Organizations**

European Federation of Corrosion, Consultant, 2014 - Continues

## **Metrics**

Publication: 117

Citation (WoS): 1493

Citation (Scopus): 1654

H-Index (WoS): 25

H-Index (Scopus): 25

## **Non Academic Experience**

Çukurova Üniversitesi